

PRODUCT INFORMATION BULLETIN

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TO: ALL HYSTER DEALER PRINCIPALS, SALES MANAGERS, & SALES REPRESENTATIVES
FROM: PETER SIESSEL – VICE PRESIDENT, HYSTER MARKETING
SUBJ: Curtis 1310 Controller Software Features (version 3.0)

Beginning in early 2003, all E30-40HSD units have been shipped with an improved version of software installed in the Curtis 1310 Master controller. The software allows for increased levels of customization to meet user needs. Enhancements made in this software are listed below:

INCREASED PASSWORD FLEXIBILITY (with Premium Dash ONLY)

Customers are now able to establish up to 16 different password combinations within the Curtis controller (15 users plus 1 technician-supervisor password). Each password will have an associated "Maximum Performance Mode" setting, allowing the customer to tailor the truck's performance to individual operator experience and capabilities. As in earlier software versions, performance modes are selected using keys 1 through 4 on the premium dash display.

For additional details – please refer to Service Manual 2200SRM0995

Trucks are shipped from the factory with passwords disabled.



FOURTH FUNCTION INTERLOCK

When a fourth hydraulic function is present, and the interlock function enabled through the improved software, a specific combination of buttons on the multi-function handle need to be depressed to request a "release" function of the attachment. This feature has been added to help avoid inadvertent release and loss of product while handling loads. It provides functionality analogous to the detented control handle used with clamping attachments in conventional hydraulic systems. Detented control handles are strongly recommended by ANSI and OSHA standards when using clamping attachments.

When a fourth hydraulic function is added from the factory, a pair of push buttons is installed on the rear of the multi-function handle (see photo). The top button will engage/activate the function. The bottom button will disengage/release the function.

When fourth function interlock is enabled the release button will work in conjunction with the sideshift right button. To "arm" the function, the release (bottom) button on the handle must be depressed and held. To activate the function, the sideshift right button must be depressed. Releasing either of the two buttons will stop the function and return the sideshift button to its primary purpose.



ADJUSTABLE MULTI-FUNCTION HANDLE “DEAD BANDS”

Adjustability of handle “dead bands” for hoist and traction control has been added to the control software. This feature will allow a technician to program a unique dead band value for each handle motion (one for traction and one for hydraulic lift/lower). The benefit of these variable settings is to prevent the unintended simultaneous activation of both traction and hydraulic functions.

These dead band values come into play when the handle is moved off the neutral position, and priority depends on which function is selected first. For example, if the operator selects forward traction by moving the handle, then the dead band for the hydraulic lift/lower function is activated to limit ACCIDENTAL engagement of the hydraulic controls.

Traction dead band values range from 1 (least amount of handle movement required before function activation) to 5 (greatest amount of handle movement required before function activation)

Hydraulic dead band values from 1 to 5 allow INTENTIONAL simultaneous operation of travel and lift/lower. A hydraulic dead band value of 6 is also available. When a setting of 6 is selected, hydraulic functions are not available when traction is requested first. Hydraulic functions will only become available when the handle is returned to a neutral position and then a hydraulic function is requested.

Trucks will be shipped from the factory with the following settings as standard: Traction Dead band = 1 and Hydraulic Dead band = 1

For additional details please refer to Service Manual 2200SRM0995

Please contact Application Engineering if you have any questions pertaining to the material presented in this bulletin.

As always, we appreciate the support of our distribution network and the sales organization.

Sincere Regards,



Peter M. Siessel

Vice President of Marketing – Hyster Company

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